

**CICT: NRC QUESTIONNAIRE SURVEY**  
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Rec'd	ID	Project	Element	Task Name	Principle Investigator	E-Mail
X	CNIS-ACCT-BR1	CNIS	Advanced Computing and Communications Testbeds	HECArchitecture Research:	Barrett, Anthony	rbiswas@nas.nasa.gov
X	CNIS-ACCT-BR2	CNIS	Advanced Computing and Communications Testbeds	Research in Programming Paradigms	Biswas, Rupak	rbiswas@nas.nasa.gov
X	CNIS-ACCT-CE	CNIS	Advanced Computing and Communications Testbeds	SecureAdvanced Federated Environment:	Chow, Edward	echow@mail1.jpl.nasa.gov
X	CNIS-ACCT-FM	CNIS	Advanced Computing and Communications Testbeds	Network Research: RAMAS	Foster, Mark	mark.foster@arc.nasa.gov
X	CNIS-ACCT-HR	CNIS	Advanced Computing and Communications Testbeds	Tools Research and Development	Hood, Robert	rhood@nas.nasa.gov
X	CNIS-ACCT-JM	CNIS	Advanced Computing and Communications Testbeds	Nomadic Networking:	Johnson, Marjory	mjj@riacs.edu
X	CNIS-ACCT-JK	CNIS	Advanced Computing and Communications Testbeds	Networking Testbed:	Jones, Kevin	kjones@arc.nasa.gov
	CNIS-ACCT-LM	CNIS	Advanced Computing and Communications Testbeds	Workflow Control	Livny, Miron	miron@cs.wisc.edu
X	CNIS-ACCT-VR	CNIS	Advanced Computing and Communications Testbeds	Performance Modeling, Benchmarking, and Optimization:	Van der Wijngaart, Rob	wijngaar@nas.nasa.gov
X	CNIS-GCA-AM	CNIS	Grand Challenge Applications	Tool Development for Cart3D	Aftosmis, Mike	aftosmis@nas.nasa.gov
X	CNIS-GCA-CW	CNIS	Grand Challenge Applications	Automated CFD Grid Generation	Chan, William	wchan@nas.nasa.gov
X	CNIS-GCA-HT	CNIS	Grand Challenge Applications	Tool Development	Holst, Terry	tholst@mail.arc.nasa.gov
X	CNIS-GCA-KC	CNIS	Grand Challenge Applications	Simulation of Resuable Space Transportation Systems in Ascent	Kiris, Cetin	kiris@nas.nasa.gov
X	CNIS-GCA-LS	CNIS	Grand Challenge Applications	Abort Analysis Grand Challenge	Lawrence, Scott	slawrence@mail.arc.nasa.gov
X	CNIS-GCA-MJ	CNIS	Grand Challenge Applications	Virtual flight Rapid Integration Test Environment	Mikula, Julie	jmikula@mail.arc.nasa.gov
X	CNIS-GCA-OM	CNIS	Grand Challenge Applications	Finite Rate chemistry Implementation in OVERFLOW	Olsen, Mike	molsen@mail.arc.nasa.gov
X	CNIS-GCA-OWK	CNIS	Grand Challenge Applications	Aerospace Propulsion Based Applications	Owen, Karl	Albert.K.Owen@GRC.NASA.gov
X	CNIS-GCA-RS	CNIS	Grand Challenge Applications	AeroDB Grand Challenge	Rogers, Stuart	rogers@nas.nasa.gov
X	CNIS-GCS-BR	CNIS	Grid Common Services	Grid Infrastructure Support and Development	Butler, Randy	rbutler@ncsa.uiuc.edu
X	CNIS-GCS-CC	CNIS	Grid Common Services	Global Grid forum	Catlett, Charlie	catlett@mcs.anl.gov
X	CNIS-GCS-FI	CNIS	Grid Common Services	Globus Toolkit Support and Development (ANL)	Foster, Ian	foster@mcs.anl.gov
X	CNIS-GCS-GD	CNIS	Grid Common Services	Grid Science Portals	Gannon, Dennis	gannon@cs.indiana.edu
X	CNIS-GCS-KC	CNIS	Grid Common Services	Grid Information Services, Community Authorization Service, Grid Visualization Cooridors	Kessleman, Carl	carl@isi.edu

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X	CNIS-GCS-LI	CNIS	Grid Common Services	Persistent Testbed	Lisotta, Tony	lisotta@nas.nasa.gov
X	CNIS-GCS-MR	CNIS	Grid Common Services	SRB Development and Support, and Grid Testbed support	Moore, Reagan	moore@sdsc.edu
X	CNIS-GCS-MYG	CNIS	Grid Common Services	User Services:	Myers, George	gmyers@nas.nasa.gov
X	CNIS-GCS-SW	CNIS	Grid Common Services	Development:	Smith, Warren	wwsmith@nas.nasa.gov
X	CNIS-GCS-TM	CNIS	Grid Common Services	Deployment of Grid Portal Technologies to Provide Access to the NASA IPG Grid	Thomas, Mary	mthomas@tacc.utexas.edu
X	CNIS-IE-FG	CNIS	Information Environments	Object Oriented Infrastructure for coupling Aerospace applications	Follen, Greg	gfollen@grc.nasa.gov
X	CNIS-IE-HC	CNIS	Information Environments	Visualization	Henze, Chris	chenze@nas.nasa.gov
X	CNIS-IE-MAR	CNIS	Information Environments	Data Synthesis/Interactive Models and Connectivity:	Mah, Robert	rmah@mail.arc.nasa.gov
X	CNIS-IE-MLD	CNIS	Information Environments	Intelligent Information Synthesis	Maluf, David	dmaluf@mail.arc.nasa.gov
X	CNIS-IE-WJ	CNIS	Information Environments	Data Synthesis/Information Structures	Walton, Joan	jdwalton@mail.arc.nasa.gov
X	CNIS-IE-YM	CNIS	Information Environments	Grid User: Project Portal Development Environment	Yarrow, Maurice	yarrow@nas.nasa.gov
X	ID-AR-BC	IS	Automated Reasoning	Agent Development and Control Verification Using Dual Characterization	Baral, Chitta	chitta@asu.edu
X	IS-AR-BA	IS	Automated Reasoning	Team Sequence Execution for Cluster Operations	Barrett, Anthony	anthony.barrett@jpl.nasa.gov
X	IS-AR-BA	IS	Automated Reasoning	Continual Coherent Team Planning	Barrett, Anthony	anthony.barrett@jpl.nasa.gov
	IS-AR-BG	IS	Automated Reasoning	Robust Methods for Autonomous Fault Adaptive Control of Complex Systems	Biswas, Gautam	biswas@vuse.vanderbilt.edu
X	IS-AR-CD	IS	Automated Reasoning	A Hybrid Discrete/Continuous Diagnostic Engine	Clancy, Dan	dclancy@arc.nasa.gov
X	IS-AR-DR	IS	Automated Reasoning	Onboard Fault Identification for Planetary Rovers	Dearden, Richard	dearden@ptolemy.arc.nasa.gov
X	IS-AR-DG	IS	Automated Reasoning	Spacecraft Micro Robot	Dorais, Greg	gadorais@ptolemy.arc.nasa.gov
X	IS-AR-ET	IS	Automated Reasoning	Automated Science Investigation Using Multiple Rovers	Estlin, Tara	tara.estlin@jpl.nasa.gov
X	IS-AR-ET	IS	Automated Reasoning	An Onboard Scientist for Multi-Rover Scientific Exploration	Estlin, Tara	tara.estlin@jpl.nasa.gov
X	IS-AR-FF	IS	Automated Reasoning	Integrated Planning and Execution	Fisher, Forest	forest.fisher@jpl.nasa.gov
	IS-AR-GV	IS	Automated Reasoning	Model-based Adaptive Simulation	Gupta, Vineet	
X	IS-AR-HEM	IS	Automated Reasoning	Intelligent Specification-Centered Test-Case Generation Review Identifier	Heimdahl, Mats P. E.	heimdahl@cs.umn.edu
X	IS-AR-HIB	IS	Automated Reasoning	Mission Simulation Facility	Hine, Butler	bhine@mail.arc.nasa.gov
X	IS-AR-HP	IS	Automated Reasoning	Domain-Specific Self-Adaptive Software	Hudak, Paul	paul.hudak@yale.edu
	IS-AR-JR	IS	Automated Reasoning	Biologically Inspired Control for Legged Explorers	Jacobs, Ron	

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X	IS-AR-KAL	IS	Automated Reasoning	Multi-Resolution Planning in Large Uncertain Environments	Kaelbling, Leslie	lpk@ai.mit.edu
X	IS-AR-KAML	IS	Automated Reasoning	Supporting Continual Planning & Replanning in Metric Temporal Domains	Kambhampati, Subbarao	rao@asu.edu
X	IS-AR-KF	IS	Automated Reasoning	Team oriented Robotic exploration tasks on Scorpion and K9 platforms	Kirchner, Frank	frank.kirchner@ais.fhg.de
	IS-AR-LM1	IS	Automated Reasoning	System Level Verification Technology for Autonomy Systems	Lowry, Michael	lowry@ptolemy.arc.nasa.gov
	IS-AR-LM2	IS	Automated Reasoning	Program Synthesis of Verifiably Correct State Estimation Programs	Lowry, Michael	mlowry@mail.arc.nasa.gov
	IS-AR-LM3	IS	Automated Reasoning	Analytic Verification and Validation for Space Missions	Lowry, Mike	lowry@ptolemy.arc.nasa.gov
	IS-AR-LM4	IS	Automated Reasoning	Amphion/Meta-Amphion: High-Assurance Program Synthesis Systems	Lowry, Mike	lowry@ptolemy.arc.nasa.gov
X	IS-AR-MAH	IS	Automated Reasoning	Neuro Control Technologies for Spacecraft Navigation and Docking	Mah, Robert	rmah@mail.arc.nasa.gov
X	IS-AR-ML	IS	Automated Reasoning	Autonomous Vision Guided Safe and Precise Landing	Matthies, Larry H./Montgomery, James	lhm@robotics.jpl.nasa.gov
X	IS-AR-MN	IS	Automated Reasoning	Distributed Control Testbed for Autonomy	Muscettola, Nicola	mus@ptolemy.arc.nasa.gov
	IS-AR-MN2	IS	Automated Reasoning	Model Specification Analysis and Verification for Constraint-based Planning	Muscettola, Nicola	mus@ptolemy.arc.nasa.gov
X	IS-AR-NI	IS	Automated Reasoning	Rover Autonomy Architecture	Nesnas, Issa	
	IS-AR-NI	IS	Automated Reasoning	Personal Rover Project	Nourbakhsh, Illah	
X	IS-AR-PA	IS	Automated Reasoning	Probabilistic Reasoning for Complex Dynamic Systems	Pfeffer, Avrom J.	avi@eecs.harvard.edu
X	IS-AR-RK	IS	Automated Reasoning	MER Rover Sequence Generation	Rajan, Kanna	krajan@mail.arc.nasa.gov
	IS-AR-SM	IS	Automated Reasoning	Model-based Programming Skunk Works	Shirley, Mark	shirley@ptolemy.arc.nasa.gov
X	IS-AR-SR	IS	Automated Reasoning	Heterogenous Multi-rover Coordination for Planetary Exploration	Simmons, Reid	reids@cs.cmu.edu
	IS-AR-SB	IS	Automated Reasoning	Using Combinatorial Optimization Algorithms to Improve Automated Planning and Scheduling	Smith, Benjamin D.	smith@aig.jpl.nasa.gov
X	IS-AR-SD2	IS	Automated Reasoning	Limited Contingency Planning for Concurrent Activities	Smith, David E.	de2smith@ptolemy.arc.nasa.gov
	IS-AR-SD1	IS	Automated Reasoning	Infrastructure for Building Automated Observation Schedulers	Smith, David E.	desmith@mail.arc.nasa.gov
X	IS-AR-SD3	IS	Automated Reasoning	Constraint-based planning	Smith, David E./Jonsson, Ari	desmith@mail.arc.nasa.gov
	IS-AR-WAB	IS	Automated Reasoning	Stochastic Anytime Search With Applications in Autonomous Planning and Scheduling	Wah, Benjamin W.	b-wah@uiuc.edu

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X	IS-AR-WAR1	IS	Automated Reasoning	Rover Autonomy Architecture	Washington, Rich	richw@ptolemy.arc.nasa.gov
X	IS-AR-WAR2	IS	Automated Reasoning	On-Board Autonomy for Rovers	Washington, Richard	richw@ptolemy.arc.nasa.gov
	IS-AR-WD	IS	Automated Reasoning	Interleaved Contingent Planning and Scheduling	Weld, Daniel	
	IS-AR-WHM	IS	Automated Reasoning	Autonomous Rotorcraft	Whalley, Matt	mwhalley@mail.arc.nasa.gov
X	IS-AR-WIB	IS	Automated Reasoning	A Hybrid Discrete/Continuous System for Health Management and Control	Williams, Brian C.	williams@mit.edu
X	IS-AR-WJ	IS	Automated Reasoning	Formal Verification Tools and Techniques for Autonomous Systems	Wing, Jeanette	wing@cs.cmu.edu
X	IS-AR-WOD	IS	Automated Reasoning	Artificial Collective Intelligence COINS	Wolpert, David	dhw@email.arc.nasa.gov
	IS-AR-YL	IS	Automated Reasoning	BEES	Young, Larry	lyoung@mail.arc.nasa.gov
	IS-HCC-AG	IS	Human Centered Computing	Intelligent Launch and Range Operations	Allen, Gale	barbara-brown-2@ksc.nasa.gov
X	IS-HCC-AJ	IS	Human Centered Computing	Simulating Learning of Complex, Dynamic Tasks	Anderson, John R.	ja@cmu.edu
X	IS-IDU-TJ	IS	Human Centered Computing	Decision Systems for Intelligent launch & Range Operations	Bardina, Jorge	jbardina@mail.arc.nasa.gov
X	IS-HCC-BD	IS	Human Centered Computing	Architectures for Multimedia Interface Control	Begault, Durand	dbegault@mail.arc.nasa.gov
X	IS-HCC-BH1	IS	Human Centered Computing	Soft Computing based Fault Monitoring and Diagnosis	Berenji, Hamid	hberenji@mail.arc.nasa.gov
X	IS-HCC-BH2	IS	Human Centered Computing	Adapting Coordination and Cooperation Strategies in Teams	Berenji/Boyan	hberenji@mail.arc.nasa.gov
X	IS-AR-WJ	IS	Human Centered Computing	Robust Speech Recognition Using Dynamic Synapse Neural Networks	Berger, Theodore W.	berger@bmsr.usc.edu
	IS-HC-BJ	IS	Human Centered Computing	Teamwork in Practice: Design for Collaboration in Mixed Human-Robotic Teams	Bradshaw, Jeffrey M.	jbradshaw@ai.uwf.edu
X	IS-HCC-BD	IS	Human Centered Computing	Human-Centered Computing	Canas, Alberto	acanas@ai.uwf.edu
X	IS-HCC-CW1	IS	Human Centered Computing	Distributed Human-Robotic EVA System for Surface Operations	Clancey, William	bclancey@arc.nasa.gov
X	IS-HCC-CW2	IS	Human Centered Computing	Work Practice Simulation Environment for Habitat Design and Scheduling	Clancey, William J.	bclancey@mail.arc.nasa.gov
	IS-HC-GM	IS	Human Centered Computing	Filtering Information in Complex Temporal Domains	Gervasio, Melinda	gervasio@isle.org
X	IS-HCC-HJ	IS	Human Centered Computing	Advanced Spoken Dialogue Interface Systems	Hieronymous, James	jimh@riacs.edu
X	IS-HC-KER	IS	Human Centered Computing	A Testbed for Agent-assisted Collaborative Scientific Experimentation	Keller, Richard M.	keller@ptolemy.arc.nasa.gov
X	IS-HC-KOH	IS	Human Centered Computing	Multi-Media Human Computer Interfaces for Mission-Critical Systems	Kohen, Hamid	hamid.kohen@jpl.nasa.gov

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X	IS-HC-LD	IS	Human Centered Computing	Integrated Intelligent Support for Knowledge Capture, Refinement and Sharing	Leake, David B.	leake@cs.indiana.edu
X	IS-HC-LEN	IS	Human Centered Computing	Approaches to Human Centered Software Development	Leveson, Nancy G.	leveson@mit.edu
	IS-HC-LOM	IS	Human Centered Computing	Formal Analysis of Human-Automation Interaction	Lowry, Michael	lowry@ptolemy.arc.nasa.gov
X	IS-HCC-MJ	IS	Human Centered Computing	Human Centered Intelligent Systems for Exploration Operations	Malin, Jane	malin@jsc.nasa.gov
X	IS-HCC-RR	IS	Human Centered Computing	Technologies for Human Computer Modeling	Remington, Roger	rremington@mail.arc.nasa.gov
X	IS-HC-SD	IS	Human Centered Computing	Distributed Crew Interaction with Advanced Life Support Control Systems	Schreckenghost, Debra	debbie.schreckenghost@jsc.nasa.gov
X	IS-HCC-SCHJ	IS	Human Centered Computing	MER Collaborative Information Portal (MER CIP)	Schreiner, John	jschreiner@mail.arc.nasa.gov
	IS-HC-SHIR	IS	Human Centered Computing	Harnessing Speech Prosody for Robust Human-Computer Interaction	Shriberg, Elizabeth E.	ees@speech.sri.com
X	IS-HCC-SM	IS	Human Centered Computing	Work Systems Simulation (Brahms)	Sierhuis, Maarten	msierhuis@mail.arc.nasa.gov
X	IS-HC-SS	IS	Human Centered Computing	Causal Reasoning	Sloman, Steven	steven_sloman@brown.edu
X	IS-HCC-TL	IS	Human Centered Computing	Multimodal Neuroelectric Human-Computer Interface Development	Trejo, Len	ltrejo@mail.arc.nasa.gov
X	IS-HCC-TL	IS	Human Centered Computing	Mars Exploration Rover Human Centered Computing	Trimble, Jay	jtrimble@mail.arc.nasa.gov
X	IS-HC-ZJ	IS	Human Centered Computing	Human Centered Intelligent Flight Surgeon Console	Zhang, Jiajie	jiajie.zhang@uth.tmc.edu
X	IS-IDU-BC	IS	Intelligent Data Understanding	Machine Learning & Data Mining for Improved Intelligent Data Understanding of High Dimensional Earth Sensed Data	Brodley, Carla	brodley@ecn.purdue.edu
X	IS-IDU-CP	IS	Intelligent Data Understanding	Super-Resolved 3D Surface Models from Rover Images	Cheeseman, Peter	cheesem@ptolemy.arc.nasa.gov
	IS-IDU-BM	IS	Intelligent Data Understanding	Automated Knowledge Discovery from Simulators	DeCoste, Dennis	dennis.DeCoste@jpl.nasa.gov
	IS-IDU-DD	IS	Intelligent Data Understanding	Intelligent Engineering Time-Series Pattern Matching	DeCoste, Dennis	dennis.DeCoste@jpl.nasa.gov
X	IS-IDU-EC	IS	Intelligent Data Understanding	Fractal & Geostatistical Metadata for Monitoring Global Change Using Remote Sensing Imagery	Emerson, Charles W.	charles.emerson@wmich.edu
X	IS-IDU-GEM	IS	Intelligent Data Understanding	Mind's Eye: Knowledge Discovery Process Capture	Gerald-Yamasaki, Mike	yamo@nas.nasa.gov
	IS-IDU-GC	IS	Intelligent Data Understanding	Automated Discovery Procedures for Gene Expression & Regulation for Microarray & Serial Analysis of Gene Expression Data	Glymour, Clark	cg09@andrew.cmu.edu

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X	IS-IDU-GK	IS	Intelligent Data Understanding	Automated Data Management	Golden, Keith	kgolden@ptolemy.arc.nasa.gov
	IS-IDU-HH	IS	Intelligent Data Understanding	Integrating multiple sources of information for text mining	Hirsh, H	
X	IS-IDU-KD	IS	Intelligent Data Understanding	Comparing & Understanding Data Distributions in EOS Applications	Kao, David	dkao@mail.arc.nasa.gov
X	IS-IDU-KH	IS	Intelligent Data Understanding	Distributed Data Mining for Large NASA Databases	Kargupta, Hillol	hillol@eecs.wsu.edu
	IS-IDU-KV	IS	Intelligent Data Understanding	Discovery of Changes from the Global Carbon Cycle and Climate System Using Data Mining	Kumar, Vipin	kumar@cs.umn.edu
X	IS-IDU-LJ	IS	Intelligent Data Understanding	Image Registration and Fusion for Future Formation Flying Systems	LeMoigne, Jacqueline	lemoigne@backserv.gsfc.nasa.gov
	IS-IDU-M	IS	Intelligent Data Understanding	Model and Data Fusion	Meade	
	IS-IDU-ME	IS	Intelligent Data Understanding	Knowledge Discovery Support System	Moljesness, E.	
	IS-IDU-MR	IS	Intelligent Data Understanding	Spatial statistics and forecasting for Earth Science Data	Morris, Robin	rdm@ptolemy.arc.nasa.gov
	IS-IDU-MYR	IS	Intelligent Data Understanding	A Benchmark Dataset of Multidimensional Earth Science Satellite Data for Testing of Learning Algorithms	Myneni, Ranga B.	rmyneni@crsa.bu.edu
	IS-IDU-NR	IS	Intelligent Data Understanding	Terrestrial Observation and Prediction (TOPS)	Nemani, R.	
X	IS-IDU-PM	IS	Intelligent Data Understanding	Robust Intelligent Systems Based on Information Fusion	Pavel, Misha	pavel@ece.ogi.edu
X	IS-IDU-RAMH	IS	Intelligent Data Understanding	Intelligent Archives	Ramapriyan, H.	rama@rattler.gsfc.nasa.gov
X	IS-IDU-RT	IS	Intelligent Data Understanding	Onboard Science Analysis	Roush, Ted	troush@mail.arc.nasa.gov
X	IS-IDU-SCM	IS	Intelligent Data Understanding	Machine Learning for Earth Science Modeling	Schwabacher, Mark	schwabac@ptolemy.arc.nasa.gov
	IS-IDU-SHT	IS	Intelligent Data Understanding	Data Fusion	Shaw, T	
X	IS-IDU-SMV	IS	Intelligent Data Understanding	Spatial statistics and forecasting for Earth Science Data - Sub Task	Smelyanskiy, Vadim	vadim@ptolemy.arc.nasa.gov
X	IS-IDU-STJ	IS	Intelligent Data Understanding	Disparate Image Registration	Stutz, John	jstutz@mail.arc.nasa.gov
	IS-IDU-TC	IS	Intelligent Data Understanding	Polishing: Enhancing Data Quality by Repairing Imperfections	Teng, Choh Man	cmteng@ai.wuf.edu
X	IS-IDU-TD	IS	Intelligent Data Understanding	Data-Model Fusion using Tikhonov Regularization	Thompson, David	dethompson@mail.arc.nasa.gov

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X	IS-IDU-TJ	IS	Intelligent Data Understanding	Knowledge Discovery and Data Mining Based on Hierarchical Segmentation of Image Data	Tilton, James C.	james.c.tilton.1@gsfc.nasa.gov
X	IS-IDU-TH	IS	Intelligent Data Understanding	Anomaly detection and failure prediction for aerospace vehicles	Tumer/Huff	itumer@ptolemy.arc.nasa.gov
	IS-IDU-WAR	IS	Intelligent Data Understanding	Deductive Composition of Multiple Data Sources	Waldinger, Richard	waldinger@ai.sri.com
X	IS-IDU-WHK	IS	Intelligent Data Understanding	8.0 Framework for Understanding Non-linear Data with Missing Elements	Wheeler, Kevin	kwheeler@ptolemy.arc.nasa.gov
X	ITSR-ASET-BR	ITSR	Automated SW Engineering Technologies	Formal Methods: Requirements/Design Analysis	Butler, Ricky	R.W.Butler@larc.nasa.gov
X	ITSR-ASET-LM1	ITSR	Automated SW Engineering Technologies	Program Synthesis	Lowry, Michael	mlowry@mail.arc.nasa.gov
X	ITSR-ASET-LM2	ITSR	Automated SW Engineering Technologies	NSF collaboration	Lowry, Michael	mlowry@mail.arc.nasa.gov
X	ITSR-ASET-VM	ITSR	Automated SW Engineering Technologies	High Assurance Software Design	Visser, Willem	wvisser@email.arc.nasa.gov
X	ITSR-BN-ANAM	ITSR	Bio-Nanotechnology	Quantum Device Simulator and Transport in Novel Devices	Anantram, M. P.	
X	ITSR-BN-ANL	ITSR	Bio-Nanotechnology	Theoretical Calculations of Polynuclear Transition Metal Carbonyls, NCC 2-5415	Andrews, Lester	
X	ITSR-BN-BC	ITSR	Bio-Nanotechnology	Computational Nanotechnology - Chemistry	Bauschlicher, C.	cbauschlicher@mail.arc.nasa.gov
X	ITSR-BN-CA	ITSR	Bio-Nanotechnology	Patterned Growth of Carbon Nanotubes	Cassell, Alan	
X	ITSR-BN-CB	ITSR	Bio-Nanotechnology	Nanofluidics	Cruden, Brett	
X	ITSR-BN-DG	ITSR	Bio-Nanotechnology	Molecular Electronics	Dholakia, Geetha	
X	ITSR-BN-GET	ITSR	Bio-Nanotechnology	Microfabricated Force-Detection Spectroscopy	George, Thomas	Thomas.George@jpl.nasa.gov
X	ITSR-BN-GOT	ITSR	Bio-Nanotechnology	Computational Nanotechnology - Physics	Govindan, T. R.	govindan@nas.nasa.gov
X	ITSR-BN-GUS	ITSR	Bio-Nanotechnology	Quantum Dots Infrared Photodetector (QDIP) Focal Plane Arrays for NASA Applications	Gunapala, Sarath D	Sarath.D.Gunapala@jpl.nasa.gov
X	ITSR-BN-HM	ITSR	Bio-Nanotechnology	Nanoscale Acoustic Sensors using Biomimetic Detection Principle	Hoenk, Michael E	
X	ITSR-BN-HH	ITSR	Bio-Nanotechnology	Computational Plasma Processing	Hwang, Helen	
X	ITSR-BN-KSA	ITSR	Bio-Nanotechnology	Hybrid Semiconductor Laser Technology Based on Planar Waveguide Circuits	Ksendzov, Alexander	Alexander.Ksendzov@jpl.nasa.gov
X	ITSR-BN-KUKR	ITSR	Bio-Nanotechnology	Prototype Miniature Local Electrode Atom Probe (Mini-LEAP)	Kuhlman, Kim R	Kim.R.Kuhlman@jpl.nasa.gov

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X	ITSR-BN-LD	ITSR	Bio-Nanotechnology	High Temperature Nanotechnology: Silicon Carbide Nanotube Synthesis	Larkin, David	
X	ITSR-BN-LJ1	ITSR	Bio-Nanotechnology		Li, Jing	
X	ITSR-BN-LJ2	ITSR	Bio-Nanotechnology		Li, Jing	
X	ITSR-BN-LJ3	ITSR	Bio-Nanotechnology	The Integration of Nanostructured Materials into Practical Devices	LI, JUN	
				High-Throughput Metabolic Profiling by Multidimensional NMR and Mathematical Modeling of Metabolic Networks		
X	ITSR-BN-LIS	ITSR	Bio-Nanotechnology		Liang, Shoudan	
X	ITSR-BN-LUJ	ITSR	Bio-Nanotechnology		Lu, Jianping	
X	ITSR-BN-MP	ITSR	Bio-Nanotechnology		Maker, Paul	
X	ITSR-BN-MM	ITSR	Bio-Nanotechnology	Nano Optics		
X	ITSR-BN-MN	ITSR	Bio-Nanotechnology	Molecular Electronics, Chemical and Bio- Sensors	Meyyappan, Meyya	meyya@orbit.arc.nasa.gov
				Computational study of nanowires	MINGO, N.	
X	ITSR-BN-NC	ITSR	Bio-Nanotechnology	Application of Carbon Nanotube Scanning Probes in Information Technology		
X	ITSR-BN-NCZ	ITSR	Bio-Nanotechnology		Nguyen, Catlen	
X	ITSR-BN-QY	ITSR	Bio-Nanotechnology	Computational Optoelectronics- Physics	NING, C.Z.	
				Nano Photonics	Qui, Yueming	
X	ITSR-BN-RA	ITSR	Bio-Nanotechnology	Computational Nanotechnology - Chemistry	Ricca, A.	
X	ITSR-BN-SL	ITSR	Bio-Nanotechnology	Transferred Substrate HBT Development for Terahertz Amplifiers & Enhanced Receiver Data Processing		
X	ITSR-BN-SP	ITSR	Bio-Nanotechnology		Samoska, Lorene A	Lorene.A.Samoska@jpl.nasa.gov
				Vacuum Nano-Electronics	Siegel, Peter	
X	ITSR-BN-SS	ITSR	Bio-Nanotechnology	Computational Investigations of Carbon Nanotube Materials	Sinnott, Susan	
X	ITSR-BN-SV	ITSR	Bio-Nanotechnology	Nanopores for DNA detection	Stolc, Viktor	
X	ITSR-BN-ST1	ITSR	Bio-Nanotechnology	Bio/Nano Materials and Structures for Aer	Sutter, Tom	
X	ITSR-BN-ST2	ITSR	Bio-Nanotechnology	Boron Nitride Nanotube Development	Sutter, Tom	
X	ITSR-BN-ST3	ITSR	Bio-Nanotechnology	Rice University Cooperative Agreement /	Sutter, Tom	
X	ITSR-BN-TJ	ITSR	Bio-Nanotechnology	Chaperones for nanotechnology	Trent, Jonathan	
X	ITSR-BN-WD	ITSR	Bio-Nanotechnology	Advanced Semicond Lasers & Photonic Integrated Circuits	Wilson, Daniel W/MANSOUR,KAMJOU	Daniel.W.Wilson@jpl.nasa.gov
X	ITSR-BN-ZC	ITSR	Bio-Nanotechnology	Carbon Nanotube Molecular Electronics	Zhou, Chongwu	
X	ITSR-ES-CJ	ITSR	Evolvable Systems	Evolutionary Algorithms for Scheduling	Crawford, James	jcrawford@riacs.edu
X	ITSR-ES-LJ	ITSR	Evolvable Systems	Dynamic Evolution for Fault Tolerance	Lohn, Jason	jlohn@ptolemy.arc.nasa.gov



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X	ITSR-ES-SA	ITSR	Evolvable Systems	Evolvable Hardware for Sensors	Stoica, Adrian	astoica@mail3.jpl.nasa.gov
X	ITSR-ICD-GARS	ITSR	Intelligent Controls & Diagnostics	Propulsion Control and Health Monitoring	Garg, Sanjay	Sanjay.Garg@grc.nasa.gov
X	ITSR-ICD-GK	ITSR	Intelligent Controls & Diagnostics	Intelligent Flight Control	Gundy-Burlet, Karen	kgundyburlet@mail.arc.nasa.gov
X	ITSR-ICD-HE	ITSR	Intelligent Controls & Diagnostics	Intelligent Health and Safety Monitoring	Huff, Edward	ehuff@mail.arc.nasa.gov
X	ITSR-ICD-PHA	ITSR	Intelligent Controls & Diagnostics	Intelligent Automation	Patterson-Hine, Ann	apatterson-hine@mail.arc.nasa.gov
X	ITSR-ICD-WK	ITSR	Intelligent Controls & Diagnostics	Neuroelectric Machine Control	Wheeler, Kevin	kwheeler@mail.arc.nasa.gov
X	ITSR-RC-AL	ITSR	Revolutionary Computing	Biological Aspects of Computation	Adleman, Len	adleman@pollux.usc.edu
X	ITSR-RC-AC	ITSR	Revolutionary Computing	Biological Computing - Bio-inspired information processing and exploration with active sensor arrays	Assad, Chris	chris@brain.jpl.nasa.gov
X	ITSR-RC-JM	ITSR	Revolutionary Computing	Biological Computing for Robot Navigation and Control	Jabri, Marwan	marwan@ece.ogi.edu
X	ITSR-RC-KR	ITSR	Revolutionary Computing	SODAS: Models of Self-Organizing Ontogenetic Development for Autonomous Adaptive Systems	Kozama, Robert	rkozma@memphis.edu
X	ITSR-RC-LJ	ITSR	Revolutionary Computing	Coevolutionary Optimization of Spacecraft Antennas and Circuits	Lohn, Jason	jlohn@arc.nasa.gov
X	ITSR-RC-SY	ITSR	Revolutionary Computing	Quantum Optimization For Solving NP-Complete Problems	Smelyanskiy, Vadim	vadim@ptolemy.arc.nasa.gov
X	ITSR-RC-YU	ITSR	Revolutionary Computing	Quantum Entanglement: Revolutionary New Algorithms for Phase Synchronization in Time and Space	Yurtsever, Ulvi	Ulvi.H.Yurtsever@jpl.nasa.gov
X	SC-FAN-FA	SC	Flexible Access Networks	IP Infrastructure for Space Systems	Fox, Armondo	fox@cs.stanford.edu
X	SC-FAN-FG	SC	Flexible Access Networks	Miniaturized spacecraft digital components	Fujikawa, Gene	Gene.Fujikawa@grc.nasa.gov
X	SC-FAN-LJ	SC	Flexible Access Networks	Spacecraft Network Devices	Lazbin, Jennifer	jennifer.lazbin@specastro.com
X	SC-FAN-LR	SC	Flexible Access Networks	Multibeam antennas	Lee, Richard	Richard.Q.Lee@grc.nasa.gov
X	SC-FAN-PG1	SC	Flexible Access Networks	SIGE RF SSPA	Ponchak, George	George.E.Ponchak@grc.nasa.gov
X	SC-FAN-PG2	SC	Flexible Access Networks	Low Loss SOC	Ponchak, George	George.E.Ponchak@grc.nasa.gov
X	SC-FAN-RR	SC	Flexible Access Networks	Ferroelectrics	Romanofsky, Robert	Robert.R.Romanofsky@grc.nasa.gov
X	SC-FAN-BEM	SC	Flexible Access Networks	High-Throughput Distributed S/C (0977)	Bergam, Marcos	mbergamo@bbn.com
X	SC-FAN-BJ	SC	Flexible Access Networks	Flexible Access Networks	Bernhard, Jennifer	jbernar@uiuc.edu
X	SC-FAN-BP	SC	Flexible Access Networks	Liquid Crystal Based Beam Steering (1239)	Bos, Philip	pbos@kent.edu

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	SC-FAN-KK	SC	Flexible Access Networks	Micro-Surface wireless Instrumentation Sys		
X	SC-FAN-LA	SC	Flexible Access Networks	Flexible Access Networks	Kiefer, Karl	kiefer@invocom.com
	SC-FAN-MM	SC	Flexible Access Networks	Efficient Deep-space Lasercom (1194)	Levi, Anthony	alevi@usc.edu
	SC-HRB-CL	SC	High Rate Backbone Networks	Backbone Network Communication Architectures	Minden, Monica	mlminden@hrl.com
X	SC-HRB-HC	SC	High Rate Backbone Networks	High Rate Backbone Networks	Caudill, Louis	lou.hat@erols.com
X	SC-HRB-KR	SC	High Rate Backbone Networks	High Power 32GHz Traveling Wave Tube	Hallderson, Connie	connie.j.halldorson@lmco.com
X	SC-HRB-SP	SC	High Rate Backbone Networks	Hi Efficiency Ka-Band MHEMT MMIC (0879)	Krawczyk, Richard	Richard.J.Krawczyk@grc.nasa.gov
X	SC-HRB-WILJ	SC	High Rate Backbone Networks	High power transmitting sources	Smith, Phillip	phillip.m.smith@baesystems.com
X	SC-HRB-WINE	SC	High Rate Backbone Networks	High Efficiency Miniaturized TWTA	Wilson, Jeffrey	Jeffrey.D.Wilson@grc.nasa.gov
X	SC-ICA-ED	SC	Intelligent Communication Architectures	Clusters/Constellations Architectures	Wintucky, Edwin	Edwin.G.Wintucky@grc.nasa.gov
X	SC-ICA-HJ	SC	Intelligent Communication Architectures	Visualization Design tools for Spacecomm Architecture Development	Enlow, David	david.enlow@lmco.com
X	SC-ICA-ME	SC	Intelligent Communication Architectures	Interlayer Interaction	Horowitz, Jay	Jay.G.Horowitz@grc.nasa.gov
X	SC-ICA-PK	SC	Intelligent Communication Architectures	Distributed Space Communications Systems-Large Scale Emulations	Modiano, Eytan	Modiano@mit.edu
	SC-ICA-CD	SC	Inter-Spacecraft Cooperative Network	Space data direct delivery to multiple clients	Pischel, Karen	Karen.A.Pischel@grc.nasa.gov
X	SC-ISN-JD	SC	Inter-Spacecraft Cooperative Network	Ad Hoc Networks in Space & Surface (0322)	Carek, David	
X	SC-ISN-KV	SC	Inter-Spacecraft Cooperative Network	Local Area Network for Space Based Instrument Control	Johnson, David	dbj@cs.rice.edu
	SC-ISN-SJ	SC	Inter-Spacecraft Cooperative Network	Application Layer for multispacecraft networks	Konangi, Vijaya	Vijaya.K.Konangi@grc.nasa.gov
X	SC-ISN-ZA	SC	Inter-Spacecraft Cooperative Network	MEMS Actuator Based Antenna Technology	Stegeman, James	David.A.Carek@grc.nasa.gov
X	SC-PWN-DN	SC	Proximity Wireless Network	Low-Power SOI CMOS Transceiver (1195)	Zaman, Afroz	Afroz.J.Zaman@grc.nasa.gov
				Advanced Technologies for Next Generation In-Space Communications Networks	Dogan, Numan	dogan@ncat.edu
X	SC-PWN-MF	SC	Proximity Wireless Network		Merat, Frank	flm@po.cwru.edu
X	SC-PWN-ST	SC	Proximity Wireless Network	Proximity Network Study	Salo, Tim	tsalo@atcorp.com